



## DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION\*

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHOD AND SYSTEM FOR MITIGATING NONLINEAR TRANSMISSION IMPAIRMENTS IN FIBER-OPTIC COMMUNICATIONS SYSTEM**

and for which a patent application:

was filed in the United States on **February 28, 2002** and is identified by Pennie & Edmonds docket No. 10565-013

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES NO
			YES NO
			YES NO

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

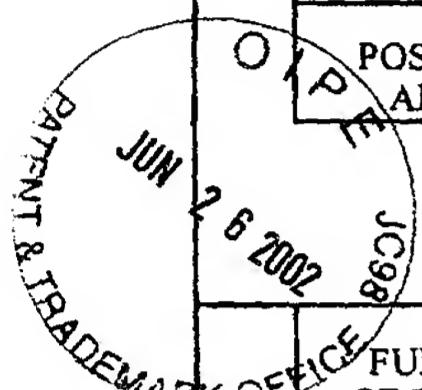
PROVISIONAL APPLICATION NUMBER	FILING DATE
60/234,930	September 26, 2000
60/352,991	February 1, 2002

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
09/962,243	September 26, 2001			
09/962,339	September 26, 2001			

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

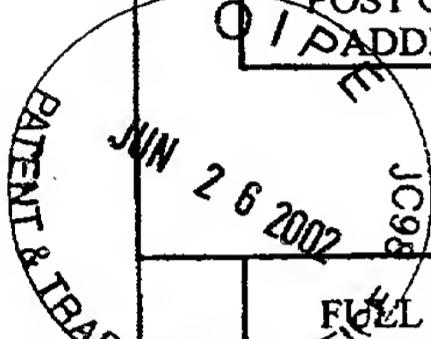
2 0 1	FULL NAME OF INVENTOR	LAST NAME CHO	FIRST NAME Pak	MIDDLE NAME Shing
	RESIDENCE & CITIZENSHIP	CITY Gaithersburg	STATE OR FOREIGN COUNTRY MD	COUNTRY OF CITIZENSHIP United States
	POST OFFICE ADDRESS	STREET 24 Spring Street	CITY Gaithersburg	STATE OR COUNTRY MD
		SIGNATURE OF INVENTOR CHO <i>Pak Shing Cho</i>	DATE 3/14/2002	
2 0 2	FULL NAME OF INVENTOR	LAST NAME REINGAND	FIRST NAME Nadejda	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Baltimore	STATE OR FOREIGN COUNTRY MD	COUNTRY OF CITIZENSHIP Russia
	POST OFFICE ADDRESS	STREET 7 Stablemere Court	CITY Baltimore	STATE OR COUNTRY MD
		SIGNATURE OF INVENTOR REINGAND <i>Nadejda</i>	DATE 03/14/2002	
2 0 3	FULL NAME OF INVENTOR	LAST NAME GRIGORYAN	FIRST NAME Vladimir	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Elkridge	STATE OR FOREIGN COUNTRY MD	COUNTRY OF CITIZENSHIP Armenia
	POST OFFICE ADDRESS	STREET 5227 Grovemont Drive	CITY Elkridge	STATE OR COUNTRY MD
		SIGNATURE OF INVENTOR GRIGORYAN <i>V. Grigoryan</i>	DATE 03/14/2002	
2 0 4	FULL NAME OF INVENTOR	LAST NAME DEMIR	FIRST NAME Alper	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Sariyer-Istanbul	STATE OR FOREIGN COUNTRY Turkey	COUNTRY OF CITIZENSHIP Turkey
	POST OFFICE ADDRESS	STREET Rumeli Feneri Yolu	CITY Sariyer-Istanbul	STATE OR COUNTRY Turkey
		SIGNATURE OF INVENTOR DEMIR	DATE	
2 0 5	FULL NAME OF INVENTOR	LAST NAME SALAMON	FIRST NAME Aviv	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Washington	STATE OR FOREIGN COUNTRY D.C.	COUNTRY OF CITIZENSHIP Israel
	POST OFFICE ADDRESS	STREET 1722 19 <sup>th</sup> Street, N.W. Apt.803	CITY Washington	STATE OR COUNTRY D.C.
		SIGNATURE OF INVENTOR SALAMON <i>A. Salomon</i>	DATE 3/14/02	



U.S. PATENT & TRADEMARK OFFICE

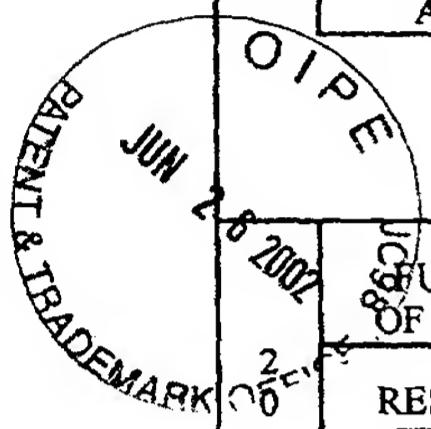
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2 0 6	FULL NAME OF INVENTOR	LAST NAME SHPANTZER	FIRST NAME Isaac	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Bethesda	STATE OR FOREIGN COUNTRY MD	COUNTRY OF CITIZENSHIP United States
	POST OFFICE ADDRESS	STREET 8312 Rising Ridge Way	CITY Bethesda	STATE OR COUNTRY MD
SIGNATURE OF INVENTOR SHPANTZER <i>S. Shpanzer</i>			DATE 03/12/02	
2 0 7	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY
SIGNATURE OF INVENTOR 202			DATE	
2 0 8	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET		STATE OR COUNTRY
SIGNATURE OF INVENTOR 203			DATE	
2 0 9	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY
SIGNATURE OF INVENTOR 204			DATE	
2 0 10	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY
SIGNATURE OF INVENTOR 205			DATE	



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2 0 1	FULL NAME OF INVENTOR	LAST NAME <b>CHO</b>	FIRST NAME <b>Pak</b>	MIDDLE NAME <b>Shing</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Gaithersburg</b>	STATE OR FOREIGN COUNTRY <b>MD</b>	COUNTRY OF CITIZENSHIP <b>United States</b>
	POST OFFICE ADDRESS	STREET <b>24 Spring Street</b>	CITY <b>Gaithersburg</b>	STATE OR COUNTRY <b>MD</b>
		SIGNATURE OF INVENTOR CHO		DATE
2 0 2	FULL NAME OF INVENTOR	LAST NAME <b>REINGAND</b>	FIRST NAME <b>Nadejda</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Baltimore</b>	STATE OR FOREIGN COUNTRY <b>MD</b>	COUNTRY OF CITIZENSHIP <b>Russia</b>
	POST OFFICE ADDRESS	STREET <b>7 Stablemere Court</b>	CITY <b>Baltimore</b>	STATE OR COUNTRY <b>MD</b>
		SIGNATURE OF INVENTOR REINGAND		DATE
2 0 3	FULL NAME OF INVENTOR	LAST NAME <b>GRIGORYAN</b>	FIRST NAME <b>Vladimir</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Elkridge</b>	STATE OR FOREIGN COUNTRY <b>MD</b>	COUNTRY OF CITIZENSHIP <b>Armenia</b>
	POST OFFICE ADDRESS	STREET <b>5227 Grovemont Drive</b>	CITY <b>Elkridge</b>	STATE OR COUNTRY <b>MD</b>
		SIGNATURE OF INVENTOR GRIGORYAN		DATE
2 0 4	FULL NAME OF INVENTOR	LAST NAME <b>DEMIR</b>	FIRST NAME <b>Alper</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Sariyer-Istanbul</b>	STATE OR FOREIGN COUNTRY <b>Turkey</b>	COUNTRY OF CITIZENSHIP <b>Turkey</b>
	POST OFFICE ADDRESS	STREET <b>Rumeli Feneri Yolu</b>	CITY <b>Sariyer-Istanbul</b>	STATE OR COUNTRY <b>Turkey</b>
		SIGNATURE OF INVENTOR DEMIR		DATE <i>Alper</i> <i>March 19, 2002</i>
2 0 5	FULL NAME OF INVENTOR	LAST NAME <b>SALAMON</b>	FIRST NAME <b>Aviv</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Washington</b>	STATE OR FOREIGN COUNTRY <b>D.C.</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
	POST OFFICE ADDRESS	STREET <b>1722 19<sup>th</sup> Street, N.W. Apt. 803</b>	CITY <b>Washington</b>	STATE OR COUNTRY <b>D.C.</b>
		SIGNATURE OF INVENTOR SALAMON		DATE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Pak Shing CHO et al.

Application No.: 10/084,057

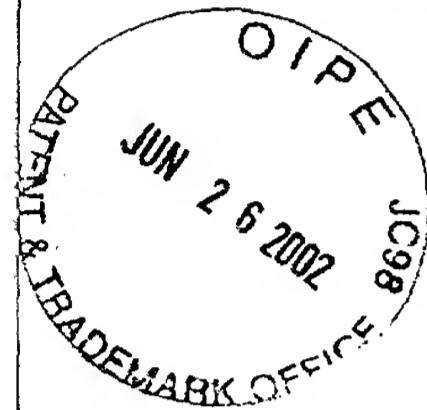
Group Art Unit: 2633

Filed: February 28, 2002

Examiner: To Be Assigned

For: METHOD AND SYSTEM FOR  
MITIGATING NONLINEAR  
TRANSMISSION IMPAIRMENTS  
IN FIBER-OPTIC  
COMMUNICATIONS SYSTEM

Attorney Docket No.: 10565-013



**SUBMISSION OF POWER OF ATTORNEY**  
**BY ASSIGNEE AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. § 3.71**

**Attn: Box Missing Parts**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants submit herewith an executed Power of Attorney by Assignee and Exclusion of Inventors.

Please have the executed Power of Attorney placed in the file of the above-identified application.

No fee is believed to be due for this submission. If any fees are due, please charge such fees to Pennie & Edmonds LLP deposit account no. 16-1150.

Date June 26, 2002

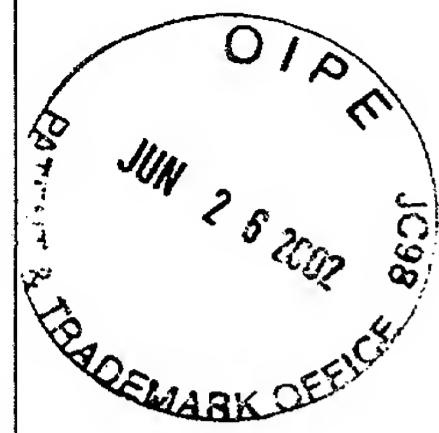
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Julius C. Fister, III".  
For: Julius C. Fister, III, Ph.D. Reg. No. 46,702  
Paul J. Zegger Reg. No. 33,821

**PENNIE & EDMONDS LLP**  
1667 K Street, N.W.  
Washington, DC 20006  
(202) 496-4400

Enclosures

POWER OF ATTORNEY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Pak Shing CHO et al

Application No.: To be assigned

Group Art Unit: To be assigned

Filed: February 28, 2002

Examiner: To be assigned

For: METHOD AND SYSTEM FOR MITIGATING  
NONLINEAR TRANSMISSION IMPAIRMENTS IN  
FIBER-OPTIC COMMUNICATIONS SYSTEM

Attorney Docket No.: 10565-013

Confirmation Number: To be assigned

**POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints: Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399),

POWER OF ATTORNEY

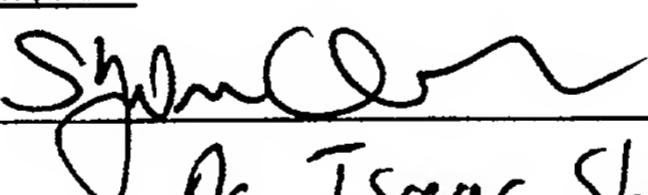
Scott B. Filalant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Michael J. Lyons (Reg. No. 37386), Garland T. Stephens (Reg. No. 37242), William J. Sipio (Reg. No. 34514), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), and Kenneth L. Stein (Reg. No. 38704), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, all of Pennie & Edmonds LLP (PTO Customer No. 20582), as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Pennie & Edmonds LLP as partner, counsel, or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

An assignment of the entire interest in the above-identified subject application:

[ ] was recorded on \_\_\_\_\_ at reel/frame /\_\_\_\_\_.  
[X] is submitted herewith for recording.

Please direct all correspondence for this application to customer no. 20582.

ASSIGNEE: CeLIGHT, Inc.

Signature: 

Typed Name: Dr. Isaac Shpanzer

Position>Title: Chief Technical Officer

Address: 12200 Tech Road

Silver Spring, Maryland 10904

Date: 4/5/02